Special Issue

Human Factors in Transportation Systems

Message from the Guest Editor

"Human factors" is an applied science that tries to enhance the relationship between devices and systems, and the people who are meant to use them. Understanding how cognitive, physical, behavioural, physiological, social, and motivational aspects of users affect transportation systems may help to develop novel principles for better infrastructure and vehicles design. This Special Issue is dedicated to papers focusing on the relationship between people and transportation systems. It covers a wide range of multidisciplinary approaches, including accident analysis and prevention; automated vehicles, highway and railway systems; vehicle intelligent control systems; aviation and aerospace; human-error and safety issues related to traffic and transportation engineering; and behavioral, physiological, and neuroscientific measures.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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